

What is ClingTec HDD?

CLINGTEC HDD is a heavy-duty degreaser for tackling very thick deposits of fatty, greasy, oily and proteinaceous soils, including tarred and burnt-on fats and denatured proteins. CLINGTEC HDD has the special property of forming a thick, viscous liquid when it is diluted for use. This is very beneficial because the solution of CLINGTEC HDD will “cling” to vertical and horizontal surfaces and go on working long after traditional foaming detergents have either run off the wall or collapsed and dried out. CLINGTEC HDD gives an extended cleaning action, remaining wet and effective for a longer time, and this results in improved soil removal with savings in time, labour and hot water.

Key Benefits

- ✓ Very concentrated, giving brilliant performance in the heaviest, most demanding fat-removal and degreasing tasks.
- ✓ Long wet dwell time, so keeps attacking soil for longer
- ✓ Solutions “cling”, even to vertical surfaces
- ✓ Only requires cold water for application
- ✓ Does not form copious amounts of nuisance foam which can be hard to wash away
- ✓ Eliminates need for manual scrubbing
- ✓ Reduces overall cost of cleaning
- ✓ Makes re-application of detergent unnecessary

How Does It Work?

When diluted with the correct amount of cold water, CLINGTEC HDD reacts to form a thickened liquid which is applied by sprayer or foam-gun to the surface. Because it has a higher density than foam, it remains wet and brings greater cleaning activity to the task than typical foaming detergents. It also clings to vertical and horizontal surfaces, including the underside of flat surfaces, and evenly coats complicated shapes. The powerful cleaning activity reduces or eliminates the need for manual scrubbing or pre-rinsing with hot water. When the time comes to rinse off, CLINGTEC HDD washes away easily and does not produce high volumes of nuisance foam – which is another time-saving feature. The powerful effectiveness of CLINGTEC HDD means that re-application of detergent will be a thing of the past. And the

total cost of cleaning will be lower because it requires less scrubbing, less hot water and less time to do the job.

Technical Data

Composition

CLINGTEC HDD is a blend of detergent surfactants and hydrocarbon solvents.

Properties

COLOUR – Clear yellow-brown liquid
ODOUR – Minimal
pH – 13.5 +/- 0.5
S.G. – 1.22 approx.

Dangerous Goods Classification

CLINGTEC HDD is a Class 3 flammable liquid.

U.N. No: 1993	CLASS: 3
PACK GRP: III	HAZCHEM: 3[Y]



Environmental Care

CLINGTEC HDD conforms with all statutory environmental requirements. It is based on ingredients selected to perform efficiently so there is no waste or damage. CLINGTEC HDD is:
✓ Water-based and Non-flammable
✓ Based on biodegradable surfactants.

Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 “Quality Management Systems – Requirements”.
First Certified: 30 April 1996
SAI Certificate No.: QEC7358

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.

Application

- Mix only with cold or ambient water, not hot water.
- Do not apply to aluminium, brass, copper or zinc.
- Pay special attention to mixing ClingTec HDD very thoroughly with water so it is uniform before application. Automatic dosing equipment helps with this.
- Mix ClingTec HDD with water at the correct strength to suit the soilage level:

SOIL LEVEL	DILUTION RATE
Light	5% v/v, this is 50 mls per litre
Moderate	10% v/v, this is 100 mls per litre
Heavy	20% v/v, this is 200 mls per litre

Most tasks will only need a 5% solution. Lower than 5% is not recommended because it will not thicken correctly.

- Apply the solution with a sprayer or an air-assisted foam-applicator – but don't apply a thick layer, just a thin uniform coverage.
- Leave in contact for 10-15 minutes to activate.
- Rinse well with clean water. Warm to hot water will facilitate rinsing.

Storage

Store in the original sealed container and keep out of direct sunlight. Also avoid storing the product in extremes of temperature: try to keep it between 10 and 30 ° C. Keep containers tightly closed, not open to the air.

First Aid

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131 126 in Australia). If swallowed, do NOT induce vomiting. Give a glass of water. Refer to the DRIVEAWAY Safety Data Sheet for more information.

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.